

WHAT IS CLAIMED IS:

1. An electronic apparatus comprising:  
an enclosure;  
an internal component housed in the enclosure; and  
a shock absorbing member disposed between the internal component and the enclosure and designed to plastically deform in response to an impact.

2. A shock absorbing member for an internal component incorporated in an electronic apparatus, comprising:

a shock absorbing body designed to plastically deform in response to an impact of a predetermined magnitude;

a first receiving surface defined at an end of the shock absorbing body so as to receive the internal component; and

a second receiving surface defined at an other end of the shock absorbing body so as to receive an impact applied from an outside.

3. The shock absorbing member according to claim 2, wherein said shock absorbing body has a sectional area smaller than that of any of the first and second receiving surfaces between the first and second receiving surfaces, said sectional area defined along a plane parallel to the first receiving surface.

4. The shock absorbing member according to claim 3, wherein said shock absorbing body includes:

a first terminal portion defining said first receiving surface;

a second terminal portion defining said second receiving surface; and

a slender stem portion connecting the first and second terminal portions to each other.

5. The shock absorbing member according to claim 4, wherein said slender stem portion is designed to extend along a datum line intersecting at least said first receiving surface by a predetermined angle.

6. The shock absorbing member according to claim 3, wherein said shock absorbing body includes:

a wedge portion tapered toward either of the first and second receiving surfaces; and

a wedge receiving portion connected to the wedge portion at an interface so as to receive a tip end of the wedge portion at a plane including the interface.

7. An electronic apparatus comprising:

an enclosure;

an internal component housed in the enclosure; and

a pedestal attached to an exterior of the enclosure; and

a shock absorbing area defined in the enclosure in a vicinity of the pedestal and designed to plastically deform in response to an impact of a predetermined magnitude.

8. An enclosure for an electronic apparatus, comprising an enclosure body defining:

a rigid area designed to plastically deform in response to an impact of a first magnitude; and

a shock absorbing area designed to plastically deform in response to an impact of a second magnitude smaller than the first magnitude.

9. The enclosure according to claim 8, wherein said shock absorbing area is designed to receive a pedestal.

10. An electronic apparatus comprising:  
an enclosure;  
an internal component housed in the enclosure;  
a first elastic member attached to a corner of the enclosure and having a rigidity of a first level; and  
a second elastic member layered over an outer surface of the first elastic member and having a rigidity of a second level smaller than the first level.

11. A shock absorbing member comprising:  
a first elastic member attached to a corner of the enclosure and having a rigidity of a first level; and  
a second elastic member layered over an outer surface of the first elastic member and having a rigidity of a second level smaller than the first level.

12. A shock absorbing member for an internal component incorporated in an electronic apparatus, comprising:  
an attachment member coupled to an enclosure of the electronic apparatus; and  
a contact piece rising from the attachment member so as to receive the internal component, wherein  
a bending portion is defined in the contact piece at least between the enclosure of the electronic apparatus and the internal component.

13. The shock absorbing member according to claim 12,

including at least a pair of said contact pieces so as to interpose an occupation space for the internal component therebetween.

14. An electronic apparatus comprising:

an enclosure;

an internal component housed in the enclosure;

an attachment member coupled to the enclosure; and

at least a pair of contact pieces standing on the attachment member so as to interpose the internal component therebetween, wherein

a bending portion is defined in the contact piece at least between the enclosure and the internal component.

15. A shock absorbing member for an internal component incorporated in an electronic apparatus, comprising:

an attachment member coupled to an enclosure of the electronic apparatus; and

an elastic piece integral to the attachment member and designed to receive the internal component.

16. An electronic apparatus comprising:

an enclosure;

an internal component housed in the enclosure;

an attachment member coupled to the enclosure; and

at least a pair of elastic pieces integral to the attachment member, respectively, and designed to interpose the internal component therebetween.

17. A shock absorbing member for an internal component incorporated in an electronic apparatus, comprising:

an attachment member coupled to an enclosure of the electronic apparatus; and

at least a pair of elastic pieces designed to rise from the attachment member so as to interpose the internal component therebetween.

18. A shock absorbing member for an internal component incorporated in an electronic apparatus, comprising:

a connecting member stationarily supported in an inner space defined in an enclosure of the electronic device for receiving the internal component; and

a suspended member connected to the connecting member and suspended in a direction of gravity in the inner space.

19. The shock absorbing member according to claim 18, wherein said suspended member is a spherical pendulum.

20. An electronic apparatus comprising:

an enclosure; and

an internal component suspended in a direction of gravity within an inner space defined in the enclosure.

21. A shock absorbing member for an internal component incorporated in an electronic apparatus, comprising:

an attachment member attached to an enclosure of the electronic apparatus; and

at least a pair of swelling surfaces raised from a surface of the attachment member, respectively, so as to interpose an occupation space for the internal component therebetween.

22. An electronic apparatus comprising:

an enclosure;  
an internal component housed in the enclosure;  
an attachment member attached to the enclosure; and  
at least a pair of swelling surfaces raised from a surface  
of the attachment member, respectively, so as to interpose the  
internal component therebetween, the swelling surfaces  
cooperating to restrict movement of the internal component  
within a plane.

23. An electronic apparatus comprising:

an enclosure;  
an internal component housed in the enclosure;  
a protrusion attached to one of the enclosure and the  
internal component;

a receiving member attached to other of the enclosure and  
the internal component so as to define a void opposed to the  
protrusion; and

a tensioned elastic member extending across a space  
between the protrusion and the void.

24. A shock absorbing unit comprising:

a contact member designed to define a protrusion;  
a receiving member designed to define a void opposed to  
the protrusion; and

a tensioned elastic member extending across a space  
between the protrusion and the void.

25. An electronic apparatus comprising:

an enclosure having corners on a bottom; and  
a reinforcing beam extending over the bottom so as to  
connect opposite corners.

